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## MEMORANDUM

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**TO:** Lee Sim

**FROM:** Gertrudys B. Adkins *GHA*

**DATE:** June 1, 2000

**SUBJECT:** Water Level Report for Pahvant Valley Wells

Enclosed, please find a graphical analysis of water levels patterns for selected monitoring wells in the Pahvant Valley and a map showing the locations of the selected wells. This report includes the most recent water levels taken by the USGS (March 2000).

## **PAHVANT VALLEY WATER LEVEL PATTERN**

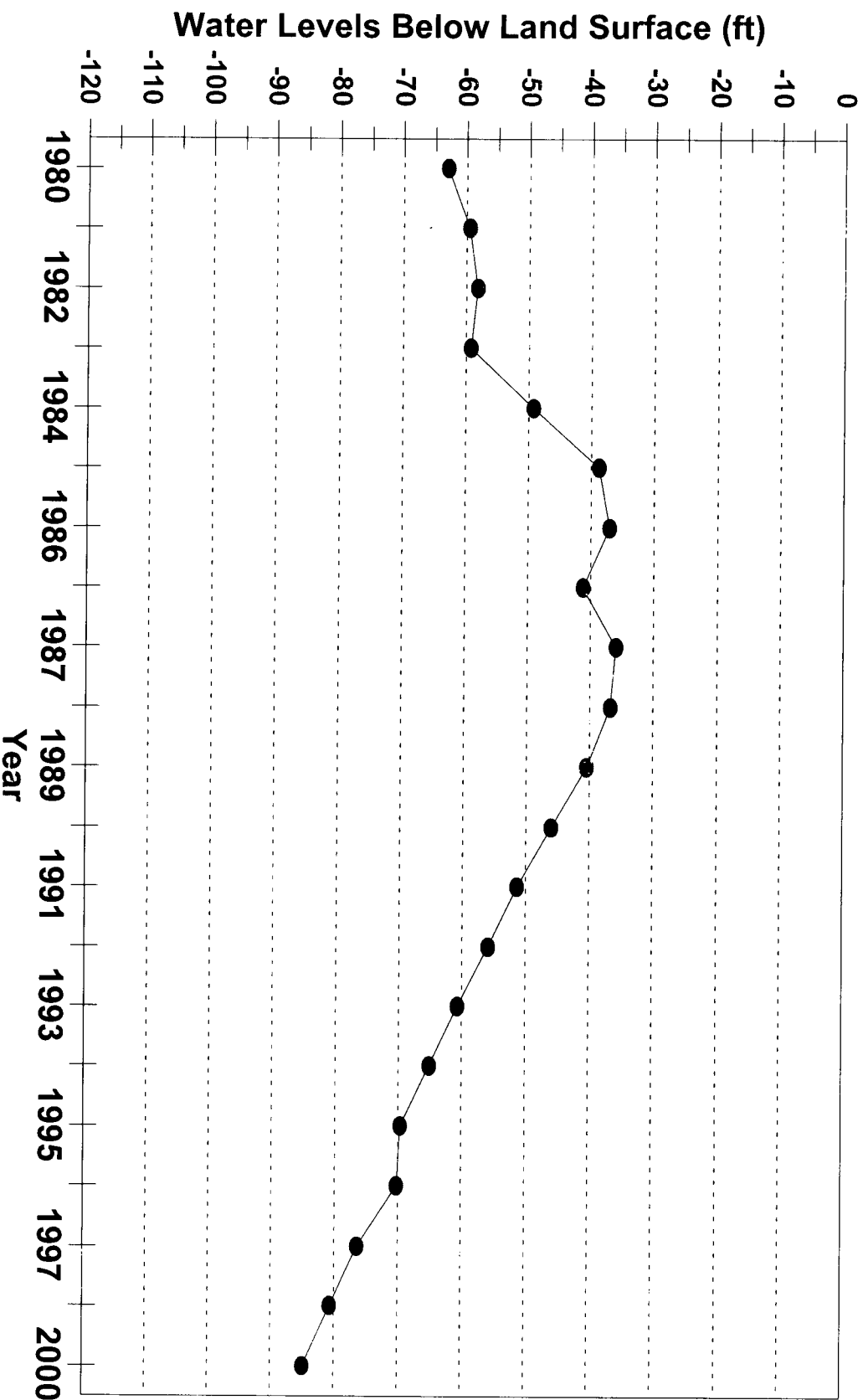
Water level measurements in Pahvant Valley in the spring of 2000 have generally improved over those measured in the spring of 1999. Water level rise was registered on 6 of the 13 selected wells. One area of exception is the northern part of Pahvant Valley near McCornick and Holden. Water levels in wells (C-18-5)28dda-1, (C-19-4)30dab-1, (C-19-5)2aad-1, and (C-20-5)24bad-2 decreased an average of 1.8 ft from 1999 levels. The rate of decline in water levels was smaller than the drop registered from 1998-1999 water year, suggesting that water level conditions may be improving in the area. The greatest decline in water level of 4.19ft was registered in well (C-18-5)28dda-1.

Water level has generally stabilized since 1995 in the majority of wells. Wells in the Southern boundary of the valley show the best improvement in water levels. Also, water levels in wells South of Fillmore have continue to improve since 1995.

In summary, there appears not to be any major problems in water level declines. In fact, it seems that water levels are improving over the Valley. Therefore, no further action in relation to organizing a distribution system should be taken at this time.

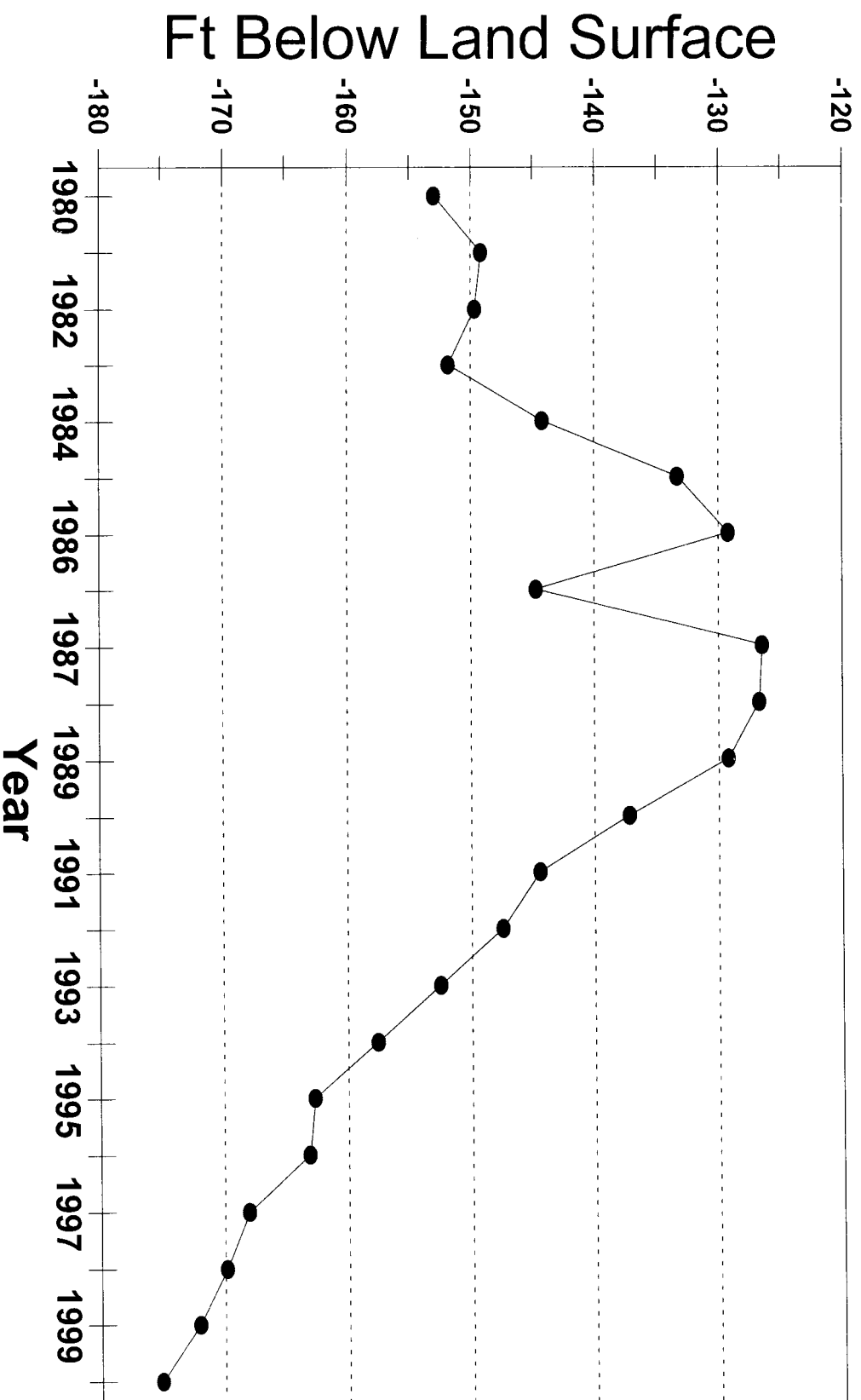
# Pahvant Valley Ground Water Levels

Well (C-18-5)28dda1 - #4



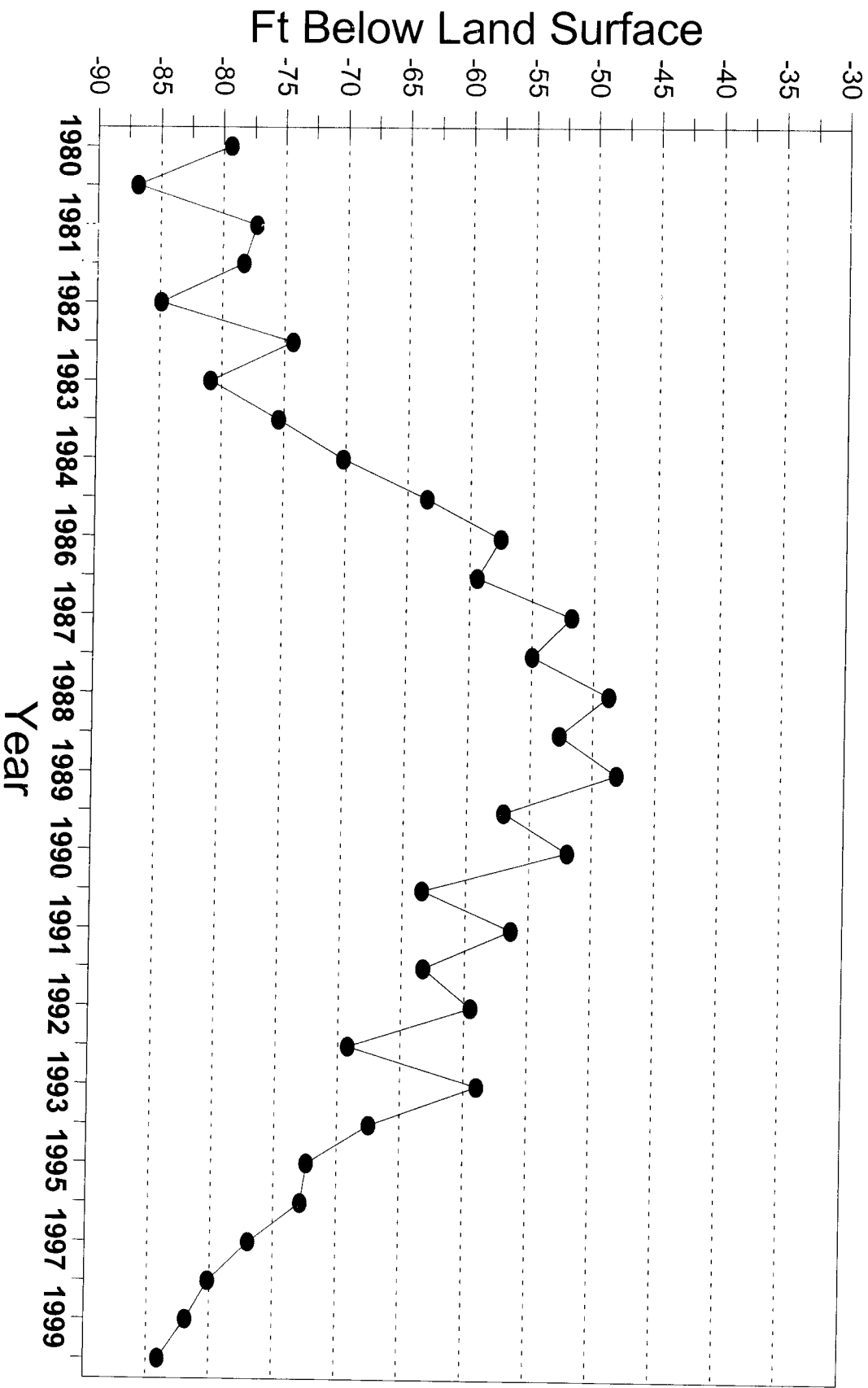
# Pahvant Valley Ground Water Levels

Well (C-19-4)30dab-1 #10



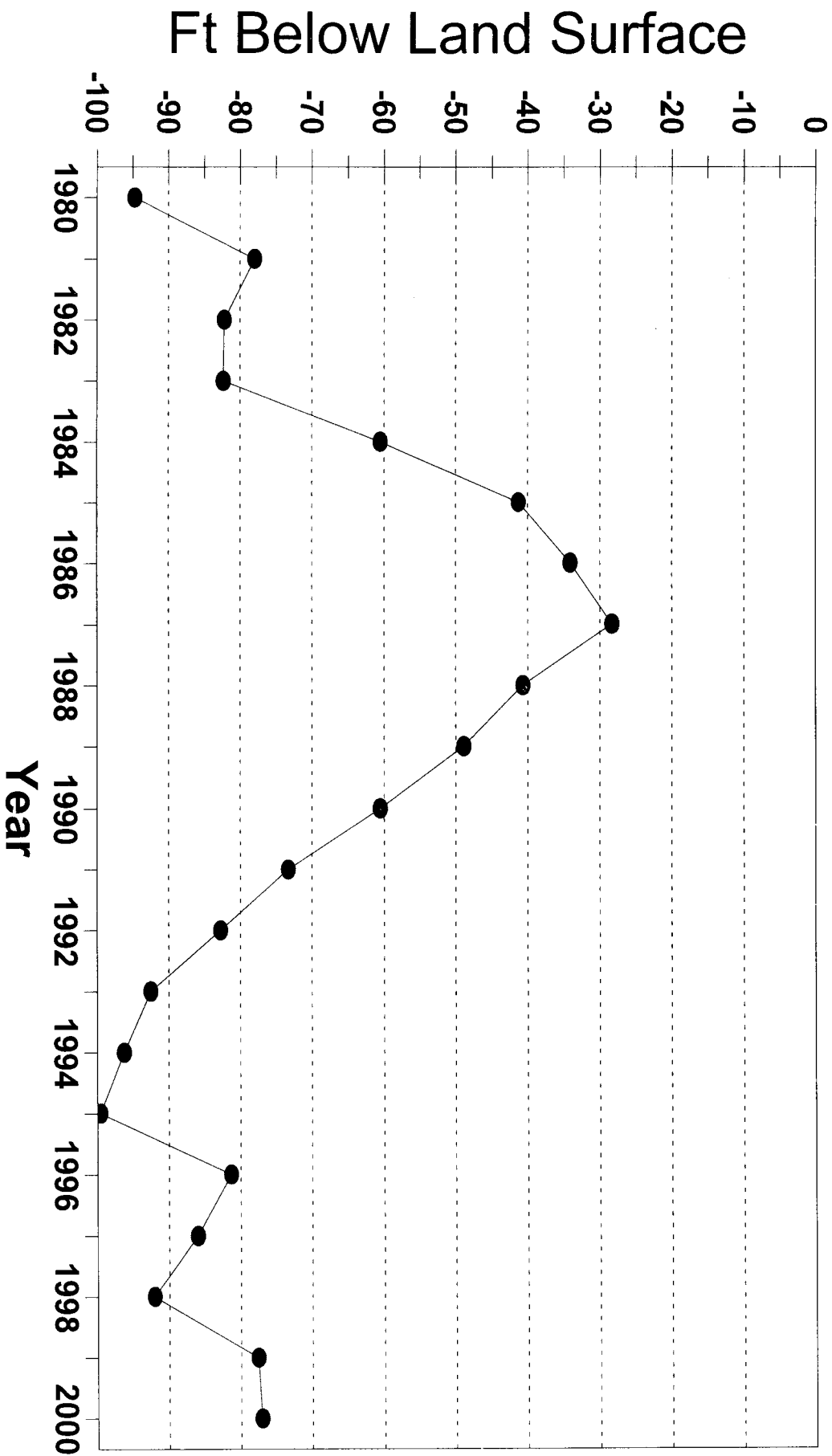
# Pahvant Valley Ground Water Levels

Well (C-19-5)2aad-1 - #14



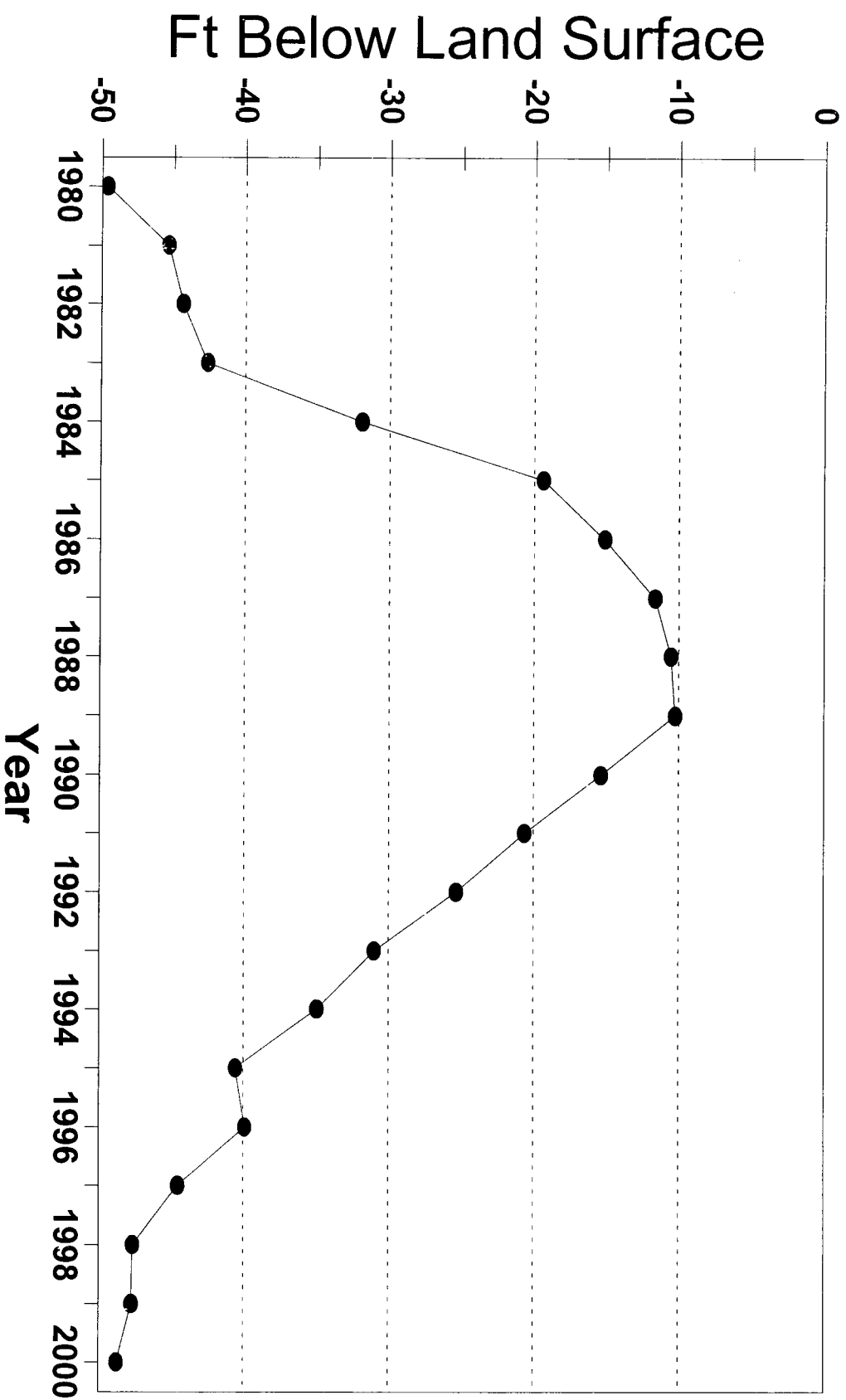
# Pahvant Valley Ground Water Levels

Well (C-20-4)4dab-1 #18



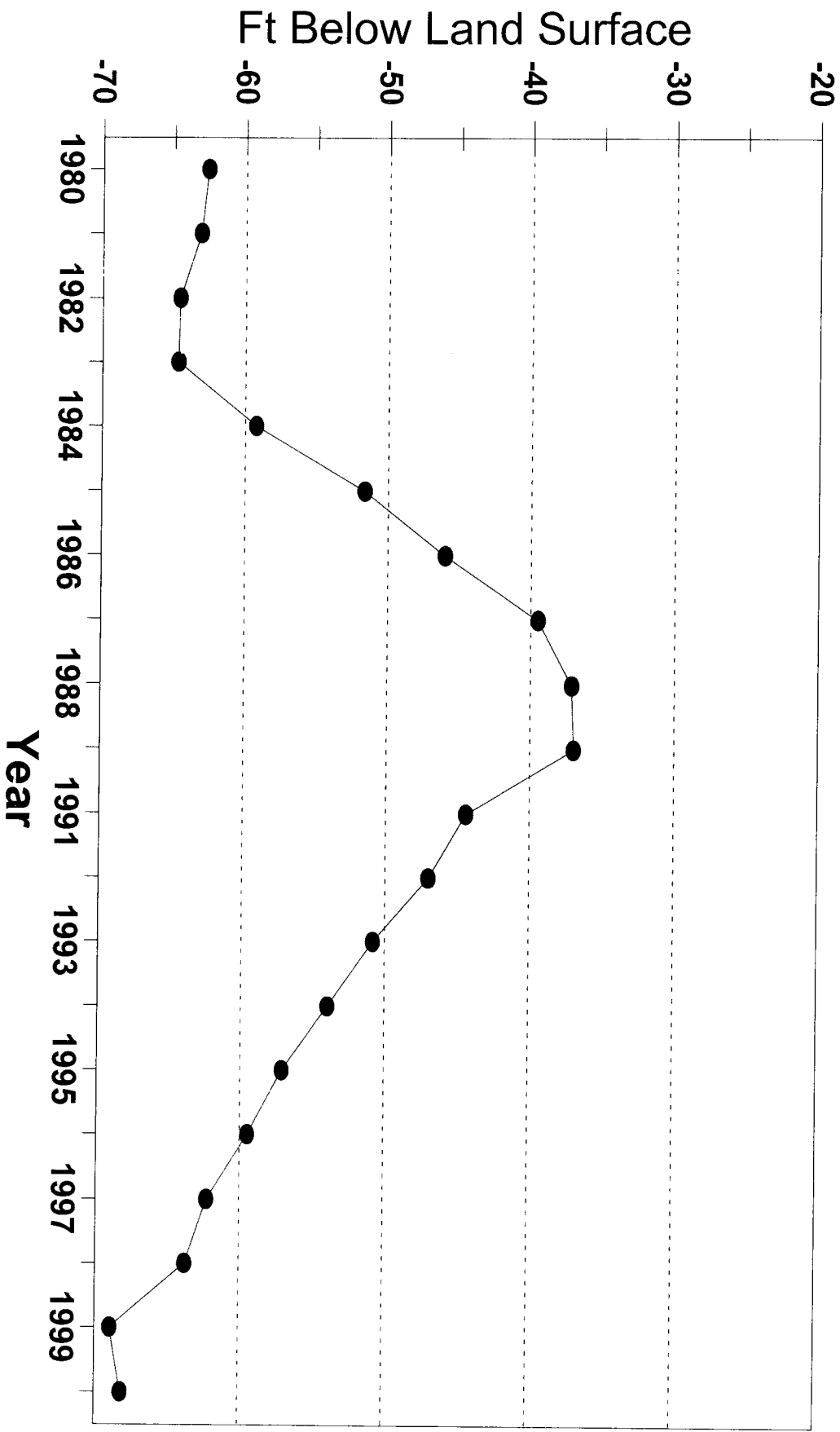
# Pahvant Valley Ground Water Levels

Well (C-20-4)6dbc-1 #20



# Pahvant Valley Ground Water Levels

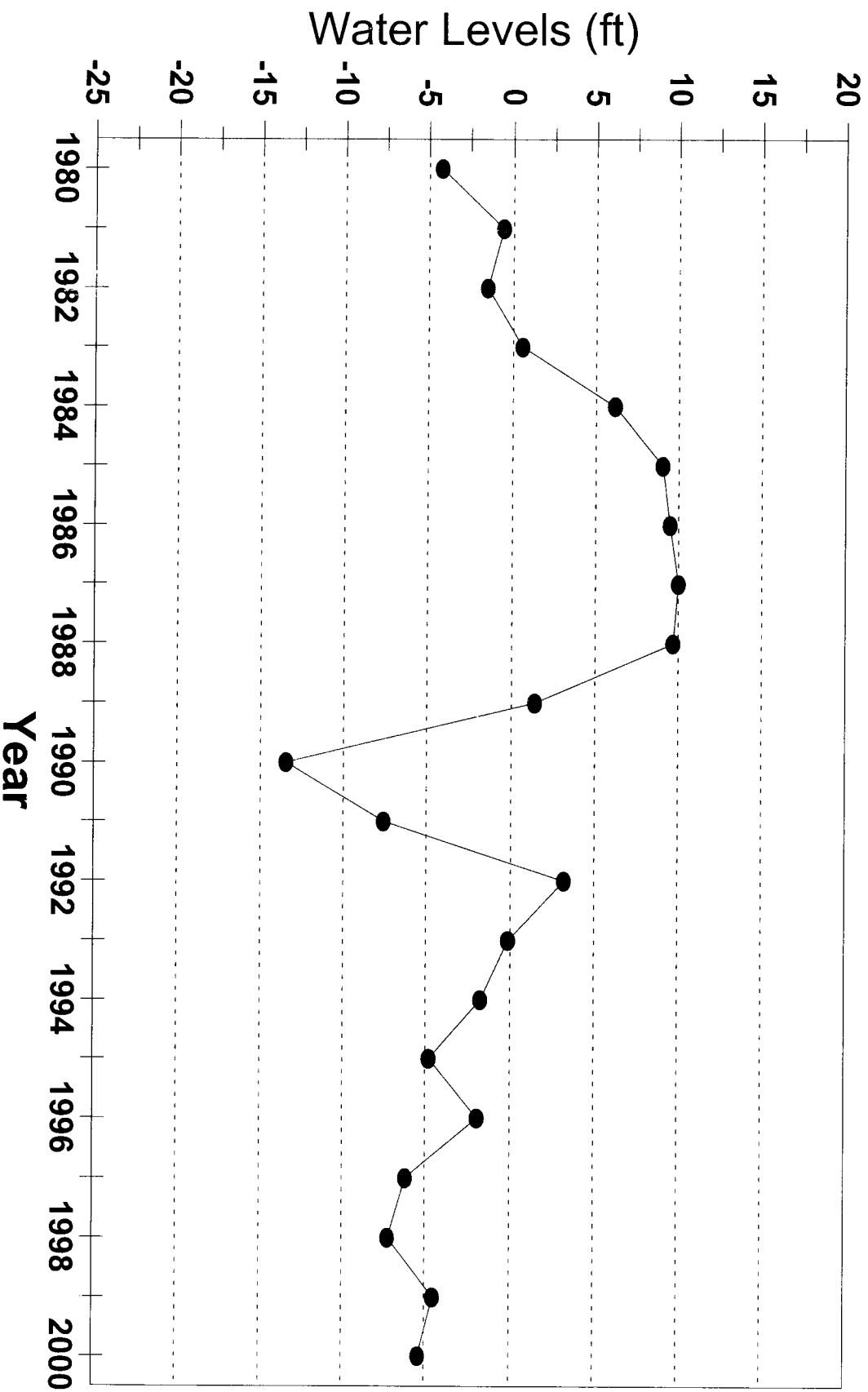
Well (C-20-5)24bad-2 #26





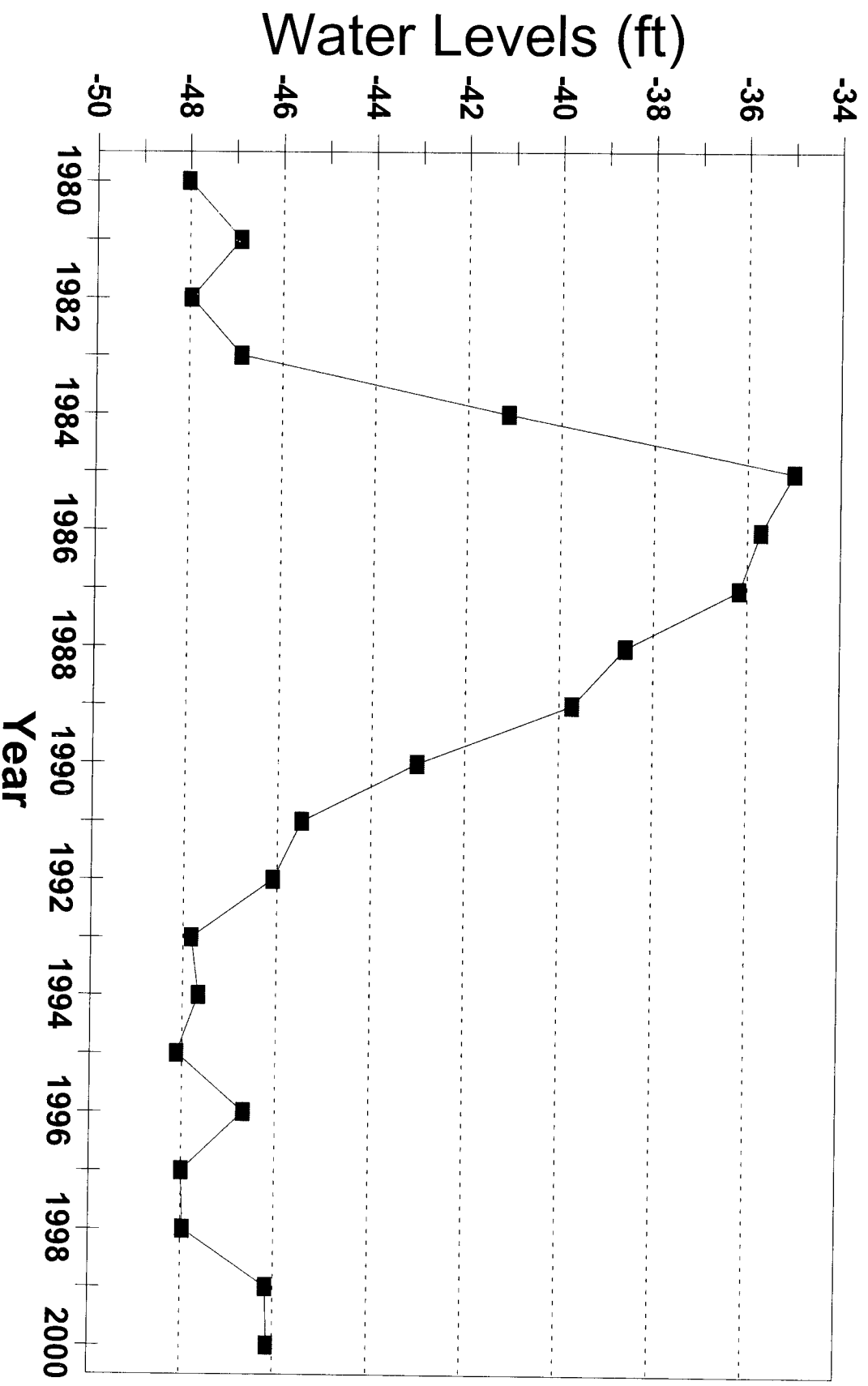
# Pahvant Valley Ground Water Levels

Well (C-20-5)28cdd-1 #31



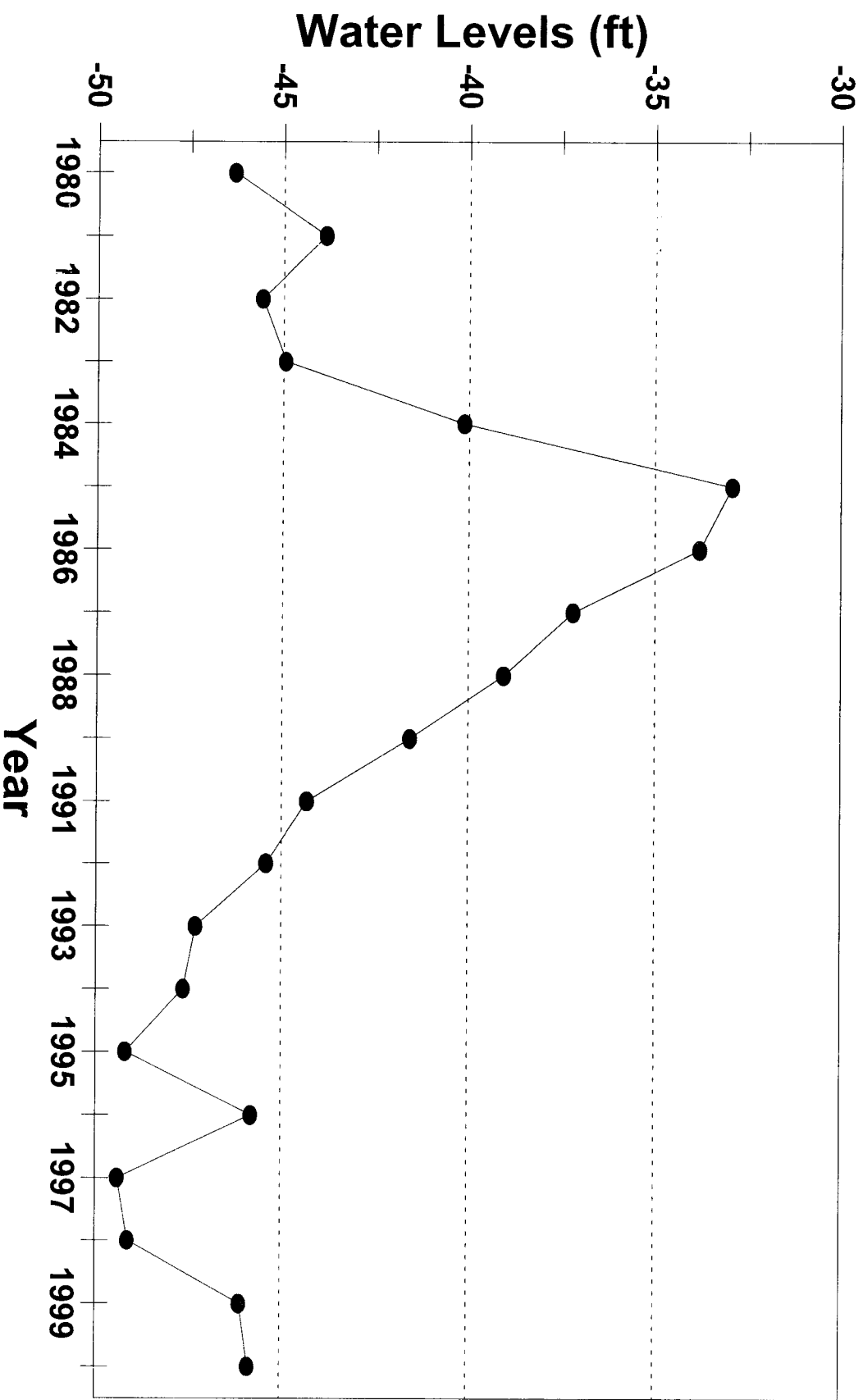
# Pahvant Valley Ground Water Levels

Well (C-21-5)7cdd-3 #37



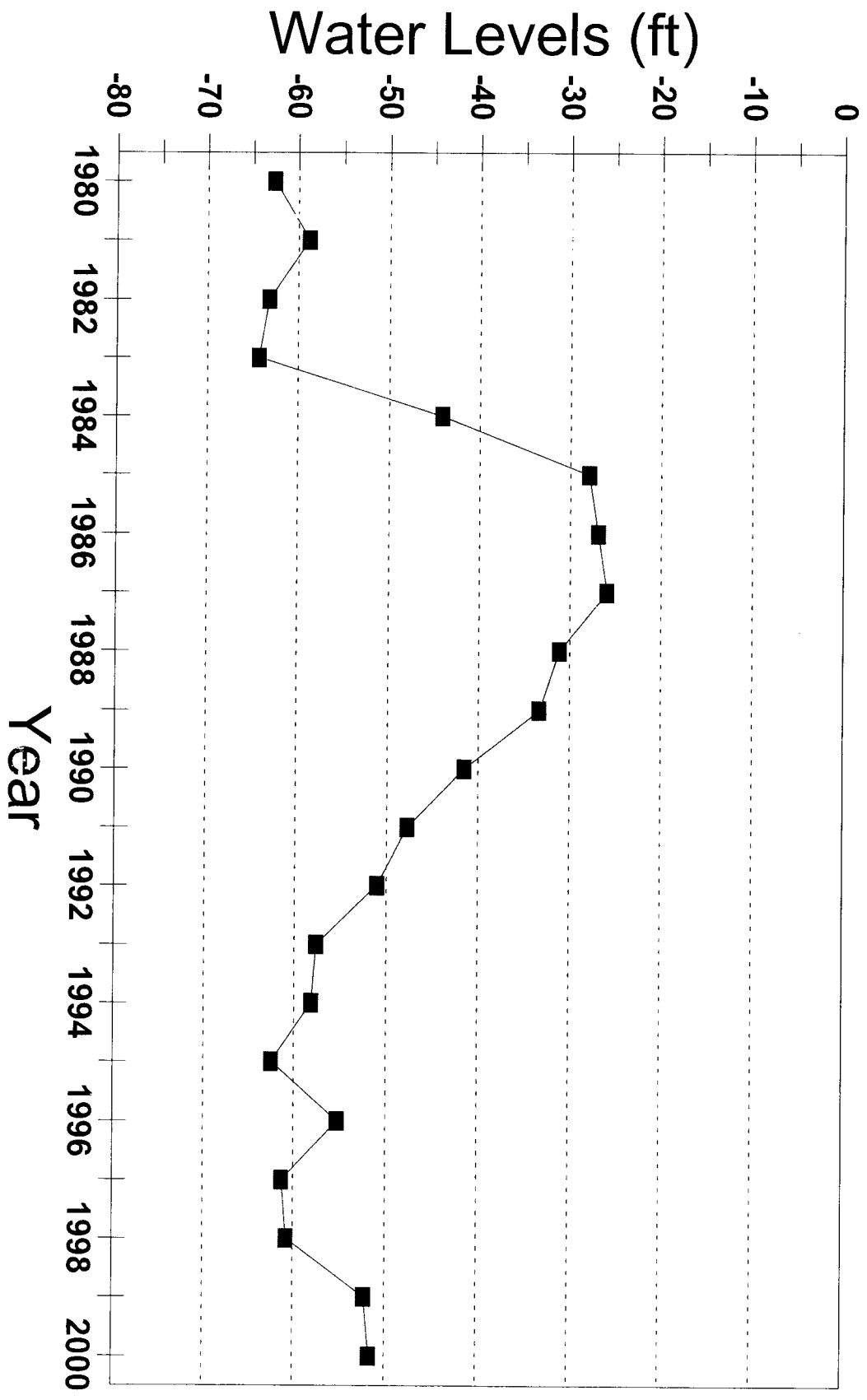
# Pahvant Valley Ground Water Levels

Well (C-21-5)8dbb-2 #40



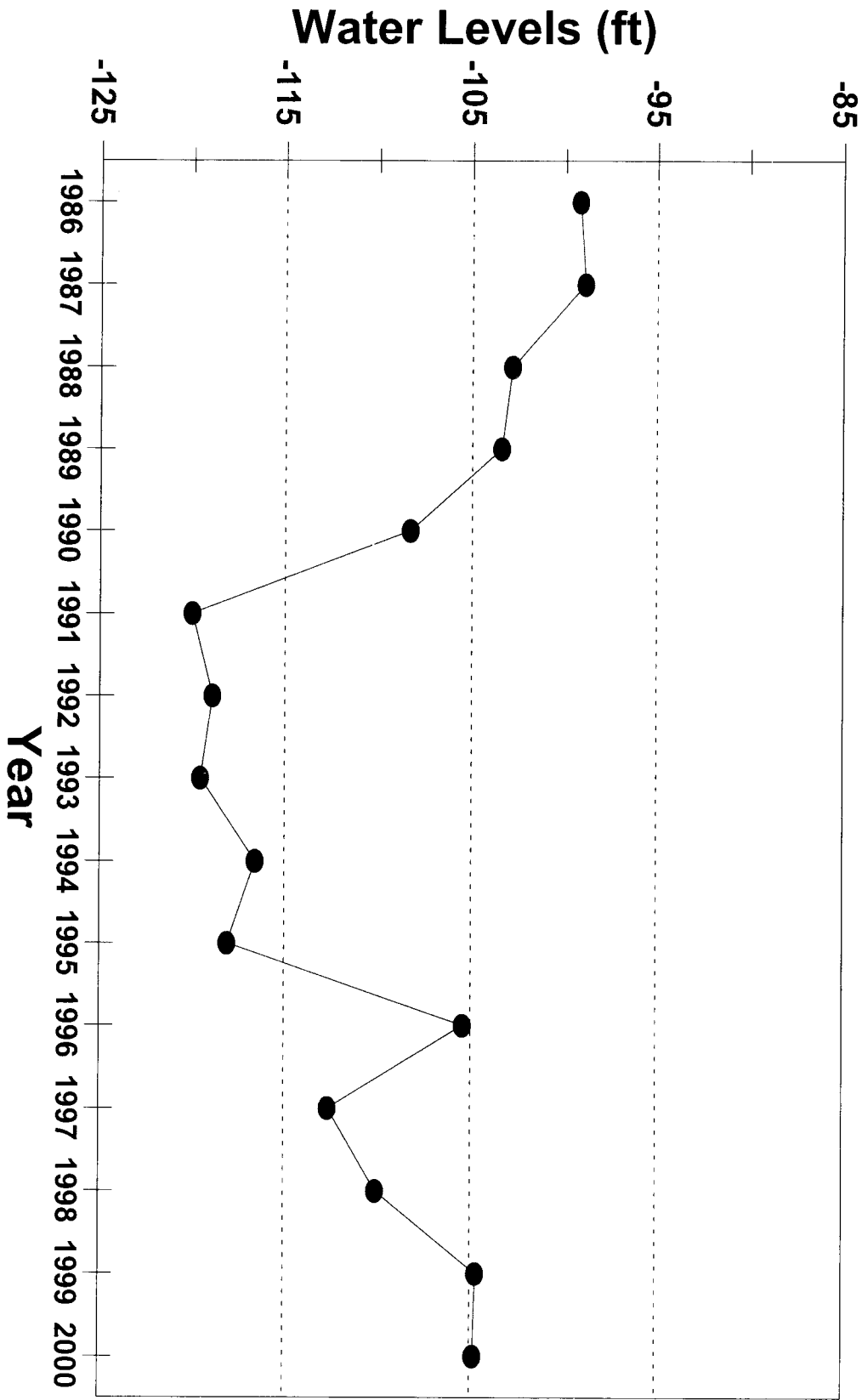
# Pahvant Valley Ground Water Levels

Well (C-22-5)28dbd-1 #58



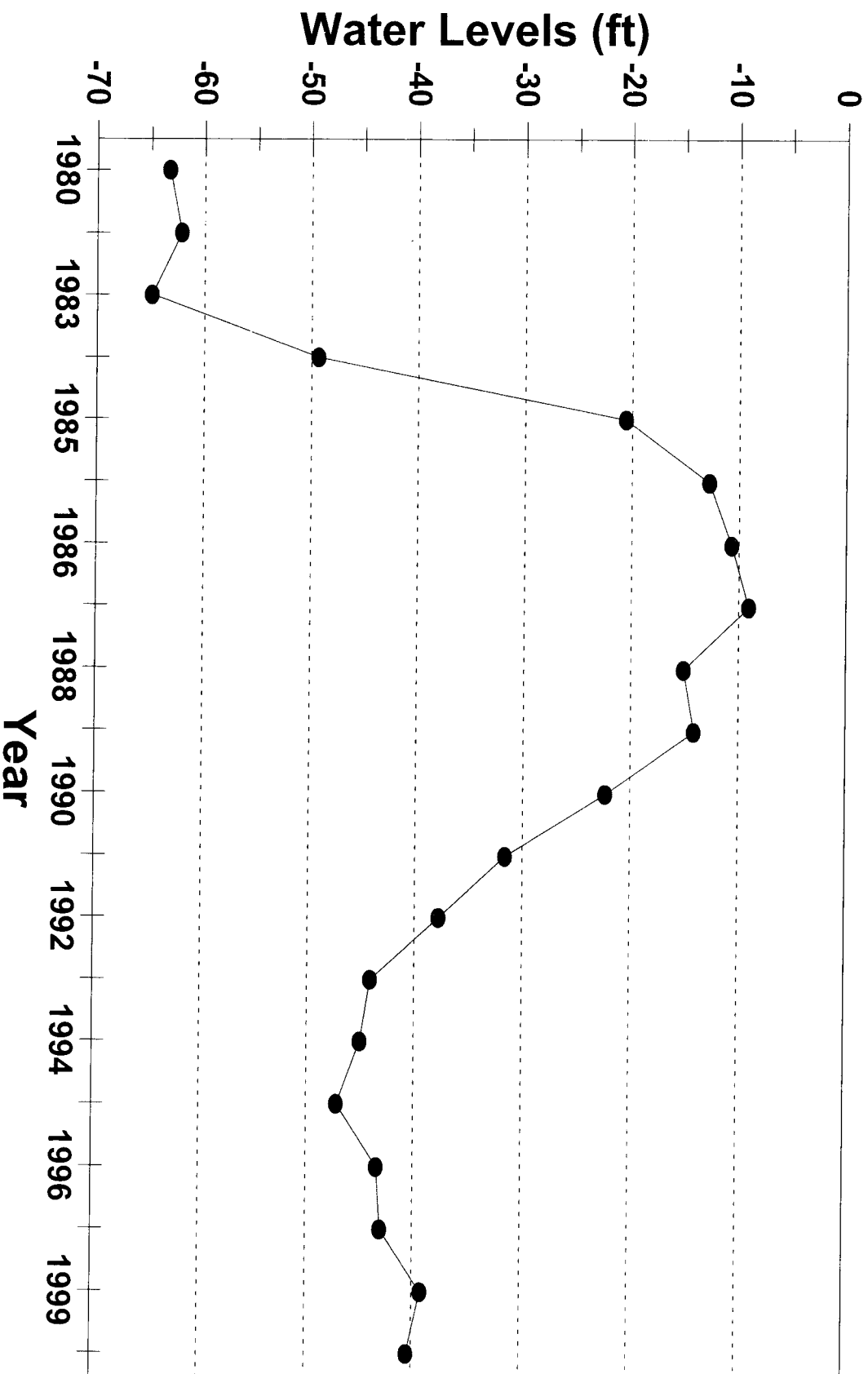
# Pahvant Valley Ground Water Levels

Well (C-23-6)13dddd-1 #78



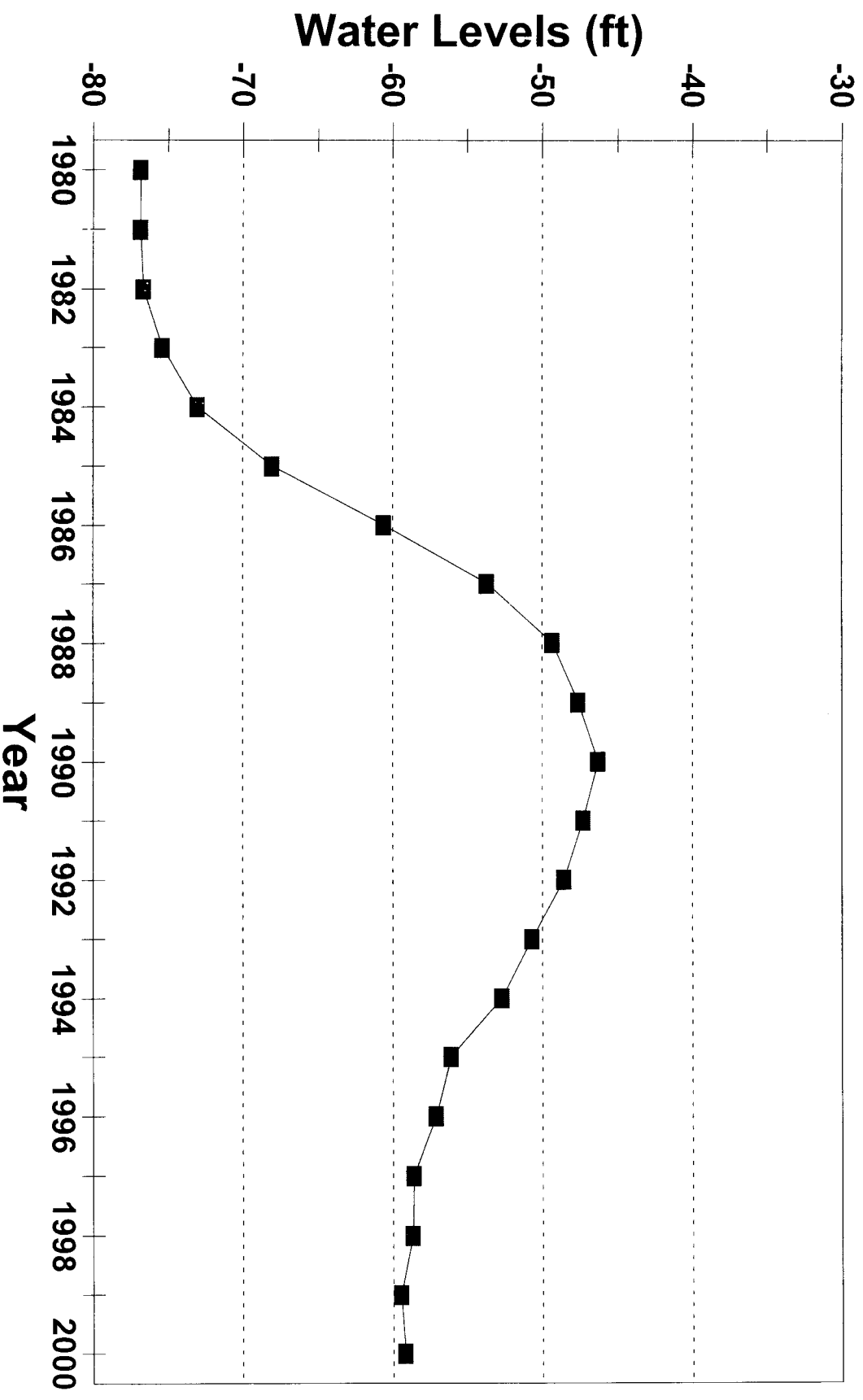
# Pahvant Valley Ground Water Levels

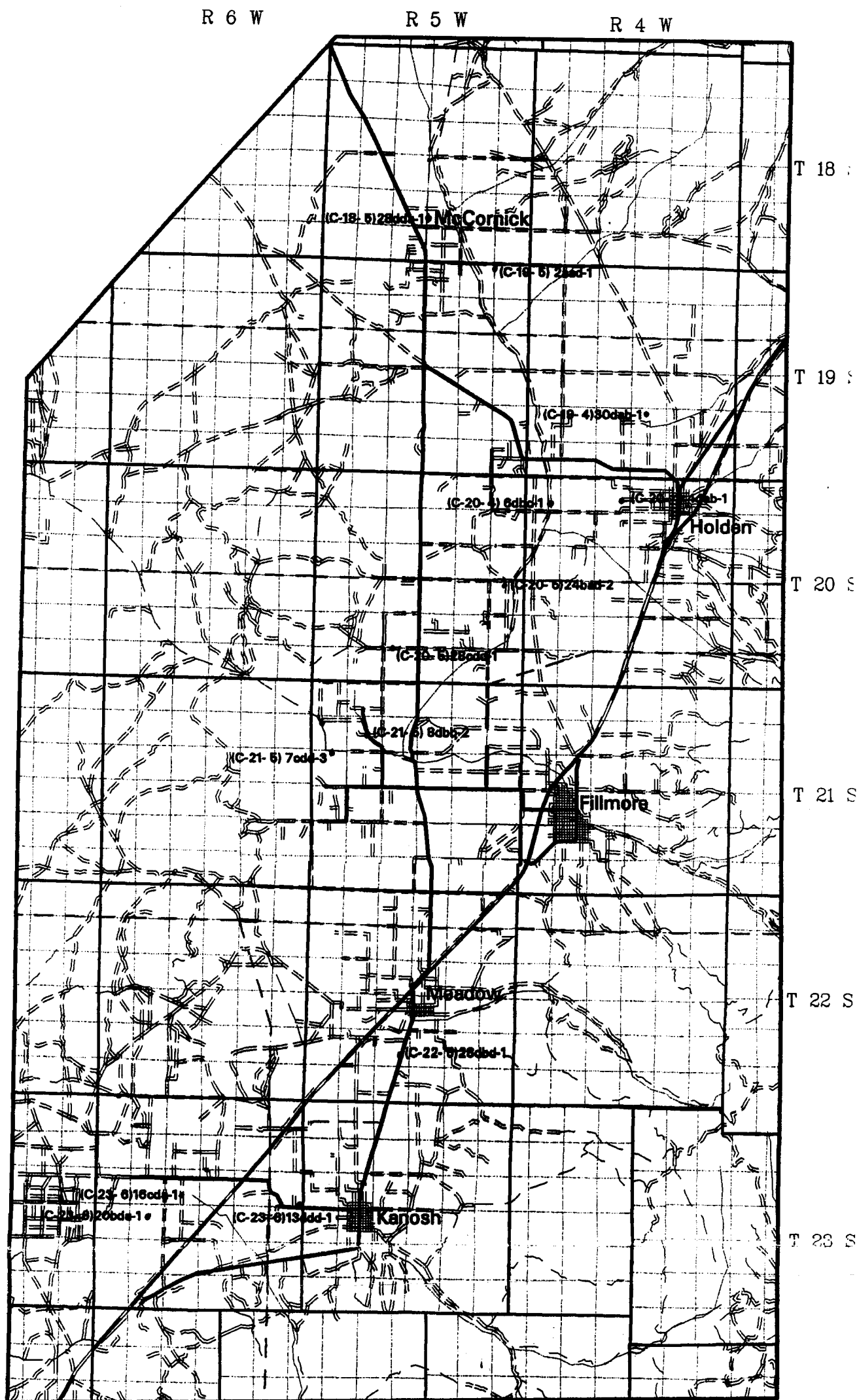
Well (C-23-6)16cda-1 #81



# Pahvant Valley Ground Water Levels

Well (C-23-6)20bda-1 #87





**Location of USGS Monitoring Wells**  
**Pahvant Valley, Utah**  
 01-21-98